



the 9th annual
**Emergency Medicine
Research Day**

Wednesday, April 5, 2017

9:00am - 4:00pm

CFRI Chan Centre, BC Children's Hospital
938 West 28th Avenue, Vancouver, BC

Live online: <http://webex.med.ubc.ca/webex3>

WELCOME

- 9:00 Welcome**
Dr. Frank Scheuermeyer
Associate Research Director, UBC Department of Emergency Medicine
Dr. Ran Goldman
Research Director, UBC Division of Pediatric Emergency Medicine
- 9:05 Opening Comments**
Dr. Jim Christenson
Head, UBC Department of Emergency Medicine
Dr. Garth Meckler
Head, UBC Division of Pediatric Emergency Medicine

SYSTEM INNOVATION

- 9:10 Dr. Helen Novak Lauscher**
UBC Digital Emergency Medicine
BC Emergency Medicine Network Real-Time Support: Robson Valley Early Implementation Findings
- 9:20 Dr. Kendall Ho**
Vancouver General Hospital
Telehealth for Emergency-Community Continuity of Care Connectivity via Home Telemonitoring (TEC4Home): Feasibility Study to Full Trial
- 9:30 Dr. Eric Grafstein**
Regional EM Head, VCH-PHC
Safety and Efficiency of Physician Supplementation in a Provincially Nurse-Staffed Telephone Service for Urgent Caller Advice

TOXICOLOGY & ADEs

- 9:40 Dr. Roy Pursell**
Medical Lead, BC Drug & Poison Information Centre
Safety and Efficacy of Naloxone Dosing Regimens
- 9:50 Dr. Corinne Hohl**
Vancouver General Hospital
Repeat Exposures to Culprit Drugs Contribute to Adverse Drug Events

BC EMERGENCY MEDICINE NETWORK

- 10:00 Dr. Jim Christenson**
Head, UBC Department of Emergency Medicine
BC Emergency Medicine Network: Where Are We Now
- 10:05 Dr. Ron Lindstrom**
UBC School of Population and Public Health
Evaluation of the BC Emergency Medicine Network
- 10:10 Dr. Riyadh Abu-Laban**
Research Director, UBC Department of Emergency Medicine
The BC Emergency Medicine Network Innovation Program



10:20 - 11:00 REFRESHMENT BREAK

CARDIAC ARREST

- 11:00 Dr. Takahisa Kawano**
Clinical Research Fellow, St. Paul's Hospital
Sodium Bicarbonate Could Worsen Neurological Recovery Among Out-of-Hospital Cardiac Arrest Patients
- 11:10 Mr. Dug Andrusiek**
UBC School of Population and Public Health
Effect of an Intact "Chain of Survival" on Survival to Discharge from Out-of-Hospital Cardiac Arrest
- 11:20 Dr. Brian Grunau**
St. Paul's Hospital
A Decade of Improvement in Provincial Out-of-Hospital Cardiac Arrest

EDUCATION

- 11:30 Dr. Jared Baylis**
UBC RCPS-EM Residency Program
Palliative Care Education in Canadian Emergency Medicine Residency Programs: A National Cross-Sectional Survey
- 11:40 Dr. Kelsey Innes**
UBC RCPS-EM Residency Program
Simulation Curriculum Needs Assessment Survey in a Family Practice Residency



a place of mind

THE UNIVERSITY OF BRITISH COLUMBIA

PAIN MANAGEMENT

- 11:50 Dr. Ben Tuyp**
UBC RCPS-EM Residency Program
Analgesic Use after Emergency Department Discharge
- Dr. Garth Meckler**
Head, UBC Division of Pediatric
Emergency Medicine
*A Randomized Trial of Low Dose Propofol for
Pediatric Migraine*



12:10 - 13:00 LUNCH BREAK

PLENARY PRESENTATION

- 13:00 Dr. Paul Atkinson**
Professor, Department of Emergency Medicine,
Dalhousie University
*Impact factor: Why We Still Need Research in
Emergency Medicine*

TRAUMA & INJURY PREVENTION

- 14:00 Dr. Jeff Brubacher**
Vancouver General Hospital
Physician Reporting of Medically Unfit Drivers
- 14:10 Dr. David Rhine**
Kelowna General Hospital
*Use of King-Devick Test for the Sideline Assessment of
Concussion*
- 14:20 Dr. Rachel Lim**
UBC RCPS-EM Residency Program
*BC Equestrian-Related Injuries: A Review of the
Last Three Years*



14:30 - 15:00 REFRESHMENT BREAK

QI & PATIENT SAFETY

- 15:00 Dr. Lyne Filiatrault**
Vancouver General Hospital
*Application of Quality Improvement Methodology in
EM Research: A Comparative Evaluation*
- 15:10 Dr. Garth Hunte**
St. Paul's Hospital
*Enhancing Foresight and Resilience in Emergency Care
Using Analytics*

STATE OF THE ART

- 15:20 Dr. Brittany Beingsner**
UBC RCPS-EM Residency Program
*Renal Colic Patients Who Require Early Referral for
Urologic Intervention*
- 15:30 Dr. Jeff Yoo**
UBC RCPS-EM Residency Program
Intubation Registry Development and Implementation
- 15:40 Dr. Mario Francispragasam**
Vancouver General Hospital
*Point of Care Ultrasound for the Diagnosis of Retinal
Detachment*

POSTERS

Posters will be on display during breaks in the atrium.

- Mr. Brian Kim**
UBC Doctor of Medicine Program (MSI)
*Prospective External Validation of the Ottawa 3DY Screening
Tool for the Detection of Altered Mental Status in Elderly Patients*
- Mr. Colin Sedgwick**
UBC Doctor of Medicine Program (MSI)
Prospective Evaluation of Ultrasound at a Rural Music Festival
- Mr. Qadeem Salehmohamed**
UBC Doctor of Medicine Program (MSI)
*Social Determinants of Health in Adults with Mental Health
Complaints*
- Dr. Kaitlin Stockton**
UBC CFPC-EM Residency Program
*Incidence of Clinically Relevant Medication Errors in the Era of
Electronically Pre-Populated Medication Reconciliation Forms*
- Dr. Brian Baker**
UBC CFPC-EM Residency Program
Impact of a Traumatology Service at a Level III Trauma Centre



Visiting Professor
Dr. Paul Atkinson

Paul Atkinson, MB, BCh, BAO, MA, FRCEM

Dr. Paul Atkinson is Professor of Emergency Medicine at Dalhousie University and works clinically at Saint John Regional Hospital in New Brunswick. He is also Chair of his Department Research Committee, a Senior Associate Editor for CJEM, Chief Medical Officer for WorkSafeNB, and VP for ultrasound research for the International Federation for Emergency Medicine (IFEM) as well as co-director of the Emergency Critical Care Ultrasound (ECCU) course.

Dr. Atkinson's training was international, and included time at the Royal North Shore Hospital in Sydney, Australia, and at Cambridge University Hospitals in the UK. He has over 60 peer-reviewed publications, as has served as lead editor on two textbooks. His accomplishments include receiving the inaugural "Best in Class" award from Dalhousie University in 2012, and receiving the CAEP "Grant Innes Award for EM Research" in 2014. His current research interests include medical education, ultrasound, trauma systems and prevention, as well as quality in emergency medicine.

Dr. Atkinson enjoys cycling and hiking in the wide-open spaces of our great country, and we are extremely pleased to welcome him to Vancouver as our 9th Visiting Professor for UBC EM Research Day.